# Government of the People's Republic of Bangladesh Prime Minister's Office Bangladesh Economic Zones Authority www.beza.gov.bd

Memo No: 03.07.0000.014.07.052.2021-3142

Date: 12/10/2021

# Request for Expression of Interest (EOI)

# Transaction Advisory Services (TAS) for Establishing Common Effluent Treatment Plant (CETP-3A) and Desalination Plant (DESAL-2A) at Bangabandhu Sheikh Mujib Shilpa Nagar (BSMSN), Mirsaral, Chattogram

	Desci	ription:	. 1	Dein	ne Minister's Office
	Minis	stry	-	***	1. Just Economic Zones Authority (BEZA)
	Agen		-	Ban	gladesh Economic Zones Authority (BEZA)
	Proci	uring Entity Name	-	Ban	ika (BEZA HQ)
	Proc	uring Entity District	_	Dna	ka (BEZA HQ) ransaction Advisory Services (TAS) firm to conduct a detailed feasibility study ransaction Advisory Services bid documents, evaluation etc. for establishing
5.	EOI	for Selection of	3	inc	uding design, BoQ, estimates, old decembers, TP (50 MLD) and Desalination Plant (50 MLD) at BSMSN.
			:	PS	12-BEZA-2021
6.	EO1	Ref. No		16	October 2021 or before
7.	EOI	Publication Date	:		
	Key	Information:	:	_	
8.	Proc	prement Method applied		Int	ernational Competitive Bidding (ICB)
		a) Procurement Method		0	nality and Cost Based Selection (QCBS)
		b) Procurement Sub- Method	1	Q	antry and cost succession
_	Fur	ding Information:	_	137	EZA Own Fund
9.	Rive	last and Sources of Funds	**		
10.	Des	velopment Partner (if applicable)	1	N	one
10.	Po	rticular Information:			19-11-
1.1	Par	ject/Program Code	1	N	ot Applicable
11.	Pic	ject/Program Name	:	N	ot Applicable  November 2021 at 3.30 PM (Bangladesh Local Time)
12.	Pro	I Closing Date & Time	1:	1	November 2021 at 3.30 PM (Bangladesh Edeal 1997)
13.	EC	Ol Closing Date & Time			
	In	formation for Applicant:	1	T	he services included but not limit to:
14	. Br	ief Description of the Assignment	0.5		) Undertake a comprehensive feasibility study, environmental and social impact assessment for the project;
				1	Estimates, tender documents based on Bosign of different project Maintenance (DBO) modality, reviewing the design of different project components submitted by the contractor and evaluation of the tender towards selection of the contractor; and
				- 1	(iii) Assist BEZA through to award of the contract.  The total assignment is divided into two sections to fulfill the above objectives:
	1			- 1	The total assignment is divided into two sections to turn the art II: Desalination Part I: Common Effluent Treatment Plant (CETP-3A), and Part II: Desalination Plant (DESAL-2A).
-	5. I	Experiences, Resources, & Delivery	1	:	i) Minimum 5 (five) years of general experience in the role of Consulting Firm
		Capacity Required  a) Qualification and Experiences		10	from its years of incorporation (in case of the requirement).  ii) At least 1 (one) similar assignment of each intervention (CETP and DESEL within the last 5 (five) years under consultancy contract related to feasibility study design, BoQ, estimates, bid documentation etc. for establishing CETP and desalination plant in the role of Prime Consultant (In case of JV the lead partners).
		<ul> <li>Required Financial Capability</li> </ul>		must have at least 1 (one) assignment.  The audited balance sheets, statements of profit & loss and annual reports f last 3 financial years (FY 2018-19 to FY 2020-21) with 'Consultancy A Average Turnover' of USD 2.00 million (two million) for the last 3 (financial years.  The expected team composition of key experts could be Team L.  The expected team composition of key experts CETP & Process Design I.	
		c) Expected Team Composition		:	The expected team composition of Rey experts could be
	16.	Contract Execution Period		1:	A stand in TOP
7)	-	Other Details (if applicable)		:	As stated in TOR
	17.	Association with Foreign Firm		:	
	18.	De dese Dataile		1	Indicative Start Indicative Completion Date
	19.	Package Details		T	Location   Location   20.5 - tomber 2022
		Ref./Package No.	-	+	Dhaka (BEZA HQ) 1 April 2022 30 September 2022
		PS11-BEZA-2021	-	_	Edition American
		Decausing Entity Details:	_		Doyananda Debnath
	20.	Name & Designation of Official Invitin	g		General Manager (Planning & Development)  General Manager (Planning & Development)
	20.	EOI	_	1	General Manager (Planning & Development)  Bangladesh Economic Zones Authority, Prime Minister's Office, Monem Busin  Bangladesh Economic Zones Authority, Prime Minister's Office, Monem Busin
	1	Address of Official Inviting EOI		15	Bangladesh Economic Zones Authority, Prime Minister's Officers of Charlest District (Level-12), 111, Bir Uttam C.R Dutta Road, Dhaka-1205, Bangladesh
	21.	Address of Official Inviting DOI			at at a francial 12) 111 Bir Lillam C.K Dulla Kodo, Dilam

22. Contact Details of Official Inviting EOI	:	Phone: +(88) (02) 9632463 E-mail: doyananda@yahoo.com  The Procuring Entity reserves the right to accept or reject all EOIs for any
23. Particular Instruction	3	The Procuring Entity reserves the light to decept the reason whatsoever; Consultant will be selected in accordance with the procedure set out in Public Procurement Act 2006 and Public Procurement Regulations 2008; Procurement Act 2006 and Public Procurement Regulations 2008; This EOI notice is also available in <a href="www.dgmarket.com">www.dgmarket.com</a> as well as BEZA website <a href="www.beza.gov.bd">www.beza.gov.bd</a> and CPTU website <a href="www.cptu.gov.bd">www.cptu.gov.bd</a> ; and The detailed Terms of Reference (TOR) are available in the website <a href="www.beza.gov.bd">www.beza.gov.bd</a> .

Doyananda Debnath (Joint Secretary) General Manager (P&D)

# Bangladesh Economic Zones Authority Prime Minister's Office

Terms of Reference (TOR)

Transaction Advisory Services (TAS) for Establishing Common Effluent Treatment Plant (CETP-3A) and Desalination Plant (DESAL-2A) at Bangabandhu Sheikh Mujib Shilpa Nagar (BSMSN), Mirsarai, Chattogram

#### 1.0 Background

The Government of Bangladesh has embarked on an ambitious plan to develop new economic zones (around 100 Zones) over the next 20 years to generate additional exports of around \$40 billion and promote economic development and employment opportunities in various prospective regions of Bangladesh. In view of the above, Government of Bangladesh has established Bangladesh Economic Zones Authority (BEZA), under the BEZA Act 2010. BEZA is the driving agency of this massive economic zone development program. BEZA is today an accessible, committed and capable partner to private investors such as domestic as well as international and it plays a leading coordinating role between governments entities in the areas in which it operates. It is regarded as a positive change agent and investors friendly Agency to maintain momentum in the implementation of its comprehensive development agenda. BEZA is particularly focusing on a most prospective 'Bangabandhu Sheikh Mujib Shilpa Nagar (BSMSN)' development comprising around 30,000 acres of land along Sandip Channel in Mirsarai and Sitakunda Upazila at Chattogram and Sonagazi Upazila at Feni district and southern part of Noakhali district.

Currently, BEZA has finalized a comprehensive master plan for developing this smart Industrial City, incorporating Sea Port, Rail Connectivity, Marine Drive, Residential Area, Tourism Park, Power Plant, Hospital, School and University, etc. This shall generate substantial demand for potable water and waste treatment. Initial assessment shows that around 1013 MLD of potable water will be required and around 550 MLD of Effluent needs to be treated by the year 2040. As such 04 nos. of Common Effluent Treatment Plant (CETP) will be installed in phases to treat around 550 MLD of effluent and numbers of Desalination (DESAL) Plants will be established to supply around 650 MLD (out of 1013 MLD) of potable water to BSMSN. Detailed design and construction of the project components will be executed with funds from GoB and Development Partner. The project is expected to be executed in the period from 2022 to 2025.

In view of the above, BEZA now wishes to establish one CETP of 50 MLD capacity namely CETP-3A and one Desalination Plant of 50 MLD capacity, namely DESAL-2A, to serve designated zones of Bangabandhu Sheikh Mujib Shilpa Nagar (BSMSN) through Design-Build-Operate and Maintenance (DBO) modalities in line with the FIDIC contract documents.

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নাগির উদ্দিশ আহমুদ চৌধুরী ইনপ্রাট্রাক্তার কনসালটেন্ট বাংলাদেশ অর্থনৈতিক অফল কর্তৃত্য প্রধানমন্ত্রীর কার্যালয়, ঢাকা। Ser

It is noted that Government of Bangladesh has intended to establish one CETP of 50 MLD capacity and one Desalination Plant of 50 MLD capacity at BSMSN under Line of Credit (LoC) received from Government of India.

#### 2.0 Objective of the Assignment

Now BEZA intends to spend part of its budget to procure the Transaction Advisory Services (TAS) of a consortium of experienced Consultants to assist BEZA to attain the following objectives:

- (i) Undertake a comprehensive feasibility study, environment and social impact assessment for the project;
- (ii) Provide transaction advisory services for preparing Plant Design, BoQ, Estimates, tender documents based on Design Build- Operate & Maintenance (DBO) modality, reviewing the design of different project components submitted by the contractor and evaluation of the tender towards selection of the contractor;
- (iii) Assist BEZA through to award of the contract.

The total assignment is divided into two sections to fulfill the above objectives that are detailed in the section of 'Scope of Services'.

#### 3.0 Scope of Services of the Assignment

#### Part -I: Common Effluent Treatment Plant (CETP-3A)

BEZA intends to construct a sustainable Common Effluent Treatment Plant (CETP-3A) of 50 MLD capacity at BSMSN, Mirsarai, befitting all national/international Environmental standards. The proposed CETP-3A will accommodate appropriate technology and be constructed following Plant Design-Build-Operate and Maintenance (DBO) modality. The assignment involves the detailed feasibility study, transaction advisory services, Plant design-drawings, detailed BoQ, estimates and Tender documents in line with FIDIC (International Federation of Consulting Engineers) documents to be duly customized to fit into Public Procurement Rules (PPR) of Govt. of Bangladesh.

#### Part- II: Desalination Plant (DESAL-2A)

BEZA intends to establish 50 MLD capacity Desalination Plant (DESAL-2A) at the BSMSN using DBO reference models including transaction advisory services, Plant design, BoQ, Estimates, Tender documents in line with FIDIC documents – to be duly customized to fit into the PPR.

The Feasibility and the Transaction Services will be comprised of the following tasks but not limited to:

Task 1: Feasibility study with competitiveness analysis, techno-financial viability,

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Procurement Consultant
Rangladesh Economic Zone Authority (BEZA)

नाभित्रक फीव नार्गुण टाउँधृती हेन्द्रक किंग्रत कामकार्यक ताश्मीरिम सुर्थातिक असन कर्मन technology/ market assessment, benchmarking of global best practices, selection of available technologies; existing demand & forecast, marketing strategy, stakeholder consultation;

- Task 2: Preparation of a conceptual design of CETP, DESAL plant and collection/distribution networks considering pre-treatment, CETP and DESAL discharge standards considering appropriate technology and keeping provision of future expansion;
- Task 3: Preparation of detailed Plant design, Tech. Specifications, Estimate, BoQ for construction of CETP (50 MLD & DESAL- (50MLD) considering efficient collection and distribution system, transfer, treatment, recovery, disposal facilities integrating cost recovery as well as raw water collection, brine water disposal and fresh water supply related mechanism, network, etc. /DoE regulations/client and safeguard requirements;
- Task 4: Comprehensive financial analysis for CETP-3A and DESAL-2A construction, operation and maintenance along with validation of capital expenditure, tariff policy, cost recovery/revenue generation schemes based on best practices or any other factors deemed relevant by the consultant;
- Task 5: Carry out necessary market sounding, interaction with Stakeholders, based on field visit, baseline survey, topographic/geo-technical investigation, examining on-site/off-site facilities, characteristics of waste mix from various industries in BSMSN; and other necessary information;
- Task 6: Technical due diligence, schedules and documentation;
- Task 7: Environmental and Social Feasibility, Impact Assessment, Management Plan & Quality Assurance, contractual obligations, any other reports or services for DoE requirements;
- Task 8: Structural organizational framework, institutional relationship, designated responsibilities with corresponding management system, Quality Assurance, Standard Operating Procedure and capacity building programs for the CETP and DESAL management facilities;
- Task 9: Review the legal basis of the proposed Project structure / DBO modality. Advice must be in compliance with all elements of Bangladeshi laws, guideline of development partner and other relevant implementing regulations and international best practices;
- Task 10: Examining CETP-3A & DESAL-2A experiences in Bangladesh and similar Industrial Zones across the world, examining existing practices- DBO guidelines, Statutory Guide Lines, etc. as well as case study;
- Task 11: The transaction adviser will work out the appropriate DBO model for contract and advice BEZA on project implementation, including providing an Implementation Manual;
- Task 12: Prepare out line design details and respective BoQ, Estimate along with DBO documents in line with FIDIC contract duly customized to fit into PPR and the guidelines of development partner. Information Memorandum, Request for Pre-qualification (RFQ)/RFP among others etc.
- Task 13: Assist BEZA in evaluation of the RFQ/ RFP, finalization of the DBO contract documents, and getting the Tender documents for DBO vetted by Central Procurement Technical Unit CPTU, Govt. of Bangladesh;
- Task 14: Assist BEZA in short listing the Tenderer through evaluation of Pre-Qualification Applications / Documents;

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Task 16: Consultants will prepare a comprehensive report in view of the final studies and design details in order to provide response to the Donor's following queries that should ensure compliance of all requirements of Donor as stated below. The consultant should also assist BEZA to response to any further clarification if required by the development partner.

- i. Implementation of this project shall not have any bearing on the proposed water sharing agreements on any trans-boundary river with Bangladesh including Feni River.
- ii. A mass balance statement for each process unit should supplement the concept so as to understand the feasibility of process to meet the characteristics of treated effluent. Detailed design calculation for I & D design work and the basis for chemical calculations should be provided.
- iii. Process & Instrument | Diagram and Hydraulic flow diagram may be furnished.
- iv. Unit wise treatment efficiency and influent, effluent characteristics of each treatment process should be tabulated.
- v. The capacity of the proposed CETP shall be based on the existing /planned water polluting industries (based on consent provide d by the Regulator so far as processing capacity of each industrial unit is concerned) incorporating the future expansion prospects also situated in Bangabandhu Sheikh Mujib Shilpa Nagar.
- vi. The list of existing / planned water polluting industries with discharge along with the statutory license/ consent to operate duly signed by Pollution or similar environmental regulatory authority. This regulatory instrument may guide the capacity of CETP.
- vii. Information regarding proposed collection and conveyance system for influent and effluent from each industry has not been provided. Preferably C& C system should be closed conduit pressurized network to prevent any unlawful discharges.
- viii. The information on Primary Effluent Treatment Plant (PETP) implementation in each individual industrial unit, effluent discharge details, flow meter installation planning etc. have not been provided by the responsible authority for CETP.
- ix. Influent wastewater characteristics at the inlet of CETP from each industrial unit have not been provided in the DPP. In addition, there is no define design characteristics (pH, BOD, COD, TSS, TDS, FDS, heavy metals etc.) provided for the proposed CETP.
- x. Any possibility of impact, in case of shock load from effluent received from homogenization tank/ Equalization tank in the CETP may also be indicated in DPP.
- xi. A detailed water balance and mass balance of CETP and Desalination plant should be arrived and included in the DAPP so that, it will be easy to understand quantity and quality of reusable water and sludge.
- xii. Reuse of Treated effluent and Sludge or third disposals methods have not been proposed in the DPP.
- xiii. Sludge generation The basis of sludge (biological and chemical) estimation along with

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নাসিরউদিন মাহামুদ চৌধুরী ইনিউট্রাক্তার কালেক্টির বাংলাদেশ কর্মাকিক ক্ষম কংশ্রু supporting calculation may be furnished in DPP.

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- xiv. The details regarding management of sludge handling, disposal to TSDF and consequent transportation cost shall be included in the final DPP.
- xv. Materials balance diagram of the CETP showing consumption of chemicals, generation of sludge of each participating industries on per day basis needs to be submitted.
- xvi. The details of; Common Chrome Recovery System (CCRS) may be provided.
- xvii.In Desalination plant, how scaling on the membranes are taken care? What is the inlet and outlet TDS in Reverse Osmosis unit? What is the TDS of the concentrated brine rejects from RO. The disposal mechanism for brine is not clear.
- xviii. Project completion time frame and activity wise Gantt Chart is not to be provided.
- xix. The CETP proposal may be vetted from the regulatory environmental pollution control authority.
- xx. The civil items coming in contact with effluent needs to be coated with corrosion resistance epoxy paint. This aspect must be considered in design and cost estimate.
- xxi. Detail information regarding infrastructure facility like power supply, power backup, alternate source of energy and transport facility may be furnished.
- xxii. Geotechnical investigation report needs to be provided to understand the bearing capacity considered for the cost estimate.
- xxiii. Details of Environment Management Cell (EMC) to be provided such as details of laboratory, trained staff details, occupational environmental monitoring for related industrial cluster.
- xxiv. The scope of the Project Management Committee (PMC) for the proposed project implementation and the qualification criteria of key personnel's (Like Team Leader / Deputy Team Leader) should also be revisited since the whole project involves high technical and management experience.
- xxv. The collection and Conveyance system should be pressurized system with each industry having its own functional PERP conforming to norms.
- xxvi. The proposed CETP is based on ZLD system or if not, dilution for meeting TDS standards should be stated.
- xxvii. Index map should be incorporated.
- xxviii. Sludge drying beds have been provided whereas drying press should have been provided.
- xxix. The Operation & Maintenance cost details were not providing the funding for the same for sustainable operation should b also be pre-decided.
- xxx. For sustainability of Operations, appropriate business model should be put in place wherein Special Purpose Vehicle for O&M of the plant should be put in place. SPV; should fix the effluent quantity to each industrial unit, levy O &M charge based on effluent characteristics as well as volumetric measurements of effluents. SPV
- xxxi. For successful operation of CETP, it is important that effluent characteristics at inlet of CETP should conform to design standards. This is possible only if all CETP

and

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**Task 17:** Any other relevant services required to complete the Feasibility Study and Transaction Advisory Services in order to complete the assignment of TAS in all respects.

#### 4.0 Selection Method

The Transaction Advisory Services shall be procured in compliance with Public Procurement Rules (PPR) of the Government of Bangladesh (GoB). Quality and Cost Based Selection (QCBS) will be followed under International Competitive Bidding (ICB) for this procurement.

#### 5.0 Expected Time Schedule

The total duration of the consulting service will be **06 months**. The implementation schedule expected:

Key Activities	Expected date.
Invitation of EOI	30/10/2021
Issue of RFP	30/12/2021
Commencement of Consulting Services	30/03/2022
Completion of Consulting Services	30/09/2022

#### 6.0 Obligations of the Executing Agency

A certain range of arrangements and services will be provided by the Employer to the Consultant for smooth implementation of the Consulting Services. In this context, the Employer will:

- BEZA may provide existing survey data, prospective Industrial profile, proposed sites and any other relevant documents available with BEZA that may be required by the Consultant to carry out their services; and
- Appoint counterpart officials, agent and representative as may be necessary for effective implementation of the Consulting Services.

#### 7.0 Expertise Required & Experiences

#### (i) Required Experts:

The consultant team will consist of both Key Experts & Non-Key Experts and will be engaged for the duration of consulting services. Key Experts & Non-Key Experts required to execute the Consulting Services are summarized in the following table:

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Code	Position	No	M-M	Total
	Key Experts:			
K-1	Team leader	1	06	06
K-2	Desalination Plant & Process Design Expert	1	06	06
K-3	CETP & Process Design Expert	1	06	06
K-4	Procurement Transaction Service Expert	1	06	06
K-5	Environmental Specialist	1	03	03
K-6	Social Specialist	1	03	03
	Total (KE):	6		30
	Non-Key Expert:			
NK-1	Procurement Specialist	1	06	06
NK-2	Civil Engineer	1	06	06
NK-3	Electrical Engineer	1	06	06
NK-4	Mechanical Engineer	1	03	03
NK-5	Geo-Technical Engineer	1	02	02
NK-6	Surveyor	2	03	06
NK-7	Estimator	2	04	08
	Total (NKE):	9		37

## (ii) Qualification and Experiences

The following tables provide minimum qualification for educational background and professional experiences of both Key Experts & Non-Key Experts.

Code	Position	Qualification	Experience
	<b>Key Experts:</b>		
K-1	Team Leader	Minimum Master degree in Civil/ Electrical/ Mechanical Engineering with advanced qualification in Engineering Economics, Business Administration/ procurement or equivalent.	<ul> <li>15 years of experience in designing and transacting infrastructure projects internationally.</li> <li>Minimum 10 years specific experience in Bangladesh and/or South/Southeast Asia is preferred.</li> </ul>

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Code	Position	Qualification	Experience
K-2	Desalination Plant & Process Design Expert	Minimum Masters of Science in Environmental/ Chemical/ Mechanical/ Electrical Engineering or any other relevant field.	<ul> <li>➤ Minimum 10 years general experience in the similar position</li> <li>➤ Minimum 08 years specific experience in planning, designing, and costing DESAL plant facilities and preparing Key Performance Indicators (KPIs) and output specifications.</li> </ul>
K-3	CETP & Process Design expert	Masters of Science in Civil/ Environmental/ Chemical/ Mechanical Engineering or any other relevant filed.	➤ Minimum 10 years general experience in the similar position  ➤ Minimum 08 years specific experience in planning, designing, and costing wastewater infrastructure facilities and preparing Key Performance Indicators (KPIs) and output specifications.
K-4	Procurement Transaction Service Expert	Minimum Master degree in Procurement and Supply Management or equivalent. Candidate with MCIPS, CPSM.	<ul> <li>Minimum 10 years general experience in the similar position</li> <li>Minimum 08 years specific experience in the similar field.</li> </ul>
K-5	Environmental Specialist	Minimum Master Degree on Environmental Science /Engineering/Management or relevant disciplines.	➤ Minimum 10 years general experience in the similar position  ➤ Minimum 08 years' experience in conducting environmental impact assessments for infrastructure projects (additional merit will be given for experience in water/wastewater treatment facilities) and preparing environmental management plans.

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Code	Position	Qualification	Experience
K-6	Social	Minimum Master Degree in	➤Minimum 10 years general
	Specialist	Sociology, Social Science or	experience in the similar
		similar.	position
		8	>Minimum 8 years specific
			experience in the similar field.
	Non-Key Exper	rts:	
NK-1	Procurement	Minimum B.Sc. Engineering	>Minimum 07 years general
	Specialist	with professional qualification	experience in the similar
		in procurement and supply chain	position.
		management (e.g. MCIPS,	>Minimum 05 years specific
		CPSM) or equivalent.	experience in the similar field.
NK-2	Civil Engineer	B.Sc. in Civil Engineering with	➤Minimum 07 years general
		experience of Construction	experience in the similar
		supervision of large Construction	position
		Project.	►Minimum 05 years specific
NK-3	Electrical	D 0 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	experience in the similar field.
INIX-3		B.Sc. in Electrical Engineering	➤Minimum 07 years general
	Engineer	with experience of Construction	experience in the similar
		supervision of similar	position
		construction Project.	Minimum 05 years specific
NK-4	Mechanical	B.Sc. in Mechanical Engineering	experience in the similar field.  Minimum 07 years general
	Engineer	with experience of Construction	experience in the similar
		supervision of similar	position
		construction Project.	>Minimum 05 years specific
		Tollow and the first transfer of the first t	experience in the similar field.
NK-5	Geo-	B.Sc. in Civil Engineering with	> Minimum 07 years general
	Technical	geo-technical experience of	experience in the similar
	Engineering	large Construction Project.	position
			➤Minimum 05 years specific
NK-6	Surveyor	A Diploma dagrae in Summering	experience in the similar field.
- 122 0		A Diploma degree in Surveying	Minimum 05 years specific
NK-7	Estimator	or Equivalent.	experience of the similar field.
1 417_/	Latinator	A Diploma degree in Civil /	Minimum 05 years specific
	l h	Electrical/ Mechanical	experience of the similar field.
		Engineering/ Estimating.	

N.B: Consulting firm may hire necessary supporting staffs as per requirements of the project deliverables which may be quoted during RFP stage.

### 8.0 Reporting/ Deliverables

Within the scope of consulting services, the Consultant shall prepare and submit reports and

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Bangladesh Economic Zone Authority (BEZA)
Prime Minister's Office

লাসিক্সজিনি সহাযুদ চৌধুরী ইনিম্রান্ত্রীবিচার কলেনের বাংলাদেশ অপ্রতিক ওবল তত্ত্ব প্রধানমন্ত্রীর কার্যালয়, ঢাকা documents to the Employer, as shown in the following Table. The Consultant shall provide hard (no of copies are mentioned) and electronic copy (Word & PDF format) of each of these reports.

SL	Type of Report	Time Frame	No. of copies
1	Inception Report & Work Plan	Within 1 (One) month after commencement of the services	10
2	Feasibility Report	2 (Two) months from the commencement of services.	10
3	Response Report (to meet up the Donor requirements)	Within 3 (Three) Months from the commencement of services.	05
4	Business Model (necessary analysis and recommendation for appropriate contract document for DBO along with related documentation, financial structuring and financial close)	Within 4 (Four) months from the commencement of services.	05
5	Detailed Plant Design & BoQ, Estimate, Information Memorandum, Request for Qualification (RFQ) / Request for Proposal (RFP) and draft DBO Contract document.	Within 5 (Five) Months from the commencement of services.	05
6	Final DBO Contract document, Contract Signing and Financial Close (if applicable).	Within 06 (Six) Months from the commencement of services.	05

**N.B:** All submissions must be accompanied by a Multi-Media presentation to BEZA officials at BEZA conference room.

#### 9.0 Obligations of the Executing Agency

BEZA may provide existing survey data, prospective Industrial profile and any other CETP-3A & DESAL-2A relevant available documents to the Consultant for smooth implementation of the Consulting Services.

#### 10.0 Payment Schedule

SL	Type of Report	Payment (%)
1	Inception Report & Work Plan	10%
2	Feasibility Report.	10%

Engr. Md Abdul Aziz MCIPS

নাসিরটির্দুল সাহগুদ চৌধুরী ইনিয়াসাক্টার কলসালটেন্ট

SL	Type of Report	Payment (%)
3	Response Report	10%
4	Business Model.	15%
5	Detailed Plant & Process design & BoQ/estimate, Information Memorandum, Request for Qualification (RFQ)/Request for Proposal (RFP) Draft DBO Contract Document.	25%
6	Contract Signing and Financial Close (if applicable), and Final Completion Report.	30%

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Procurement Consultant

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নাসিরউদ্দিন মাহমুদ চৌধুরী ইনমেট্রাকচার ক্রমেদেশ বাংলাদেশ অর্থনৈতিক এফল কতৃপক প্রধানমন্ত্রীর কার্যালয়, ঢাকা।

